

# Converting Colors

Hex(452546)

Have a look what the booklet for  
Hex(452546) contains.

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# Color

**Hex(452546)**

# Conversions

## Conversions Part 1

Format	Color
Hex	452546
RGB	69, 37, 70
RGB Percent	27%, 15%, 27%
CMY	0.7294, 0.8549, 0.7255
CMYK	0.01, 0.47, 0.00, 0.73
HSL	298°, 31%, 21%
HSV	298°, 47%, 27%
XYZ	4.2213, 3.0305, 6.1568
YIQ	50.3300, 8.4790, 17.0470

# Conversions

## Conversions Part 2

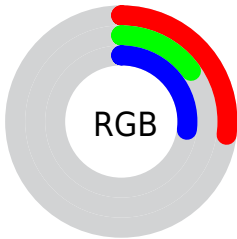
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 37, 70
Decimal	4531526
CIE <sub>Lab</sub>	20.17, 21.18, -14.41
CIE <sub>LCh</sub>	20, 25.618, 325.771
Yxy	3.0305, 0.3148, 0.2260
Android (android.graphics.Color)	4282721606 (0xFF452546)
YUV	50.3300, 9.6973, 16.3736
Hunter-Lab	17.4084, 12.8189, -8.7831

# Details

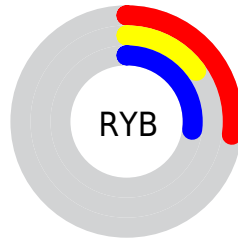
The Hex color **452546** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **264625**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **765376**, and **1C001B** is the 20% darker color. If you saturate the color by 10%, you get **451E46**, and if you desaturate by 10%, it is **452C46**.

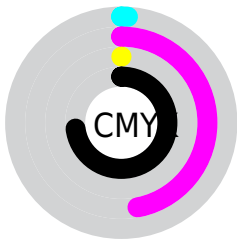
# Distribution



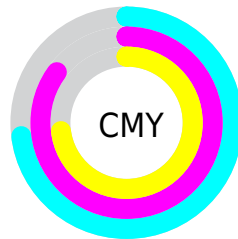
- Red (27%)
- Green (15%)
- Blue (27%)



- Red (27%)
- Yellow (15%)
- Blue (27%)



- Cyan (1%)
- Magenta (47%)
- Yellow (0%)
- Black (73%)



- Cyan (73%)
- Magenta (85%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 452546 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 452546 by changing the saturation by 10% instead.





452546



452546

FFFFFF



2E1030



765376



1C001B



906B90



000000



AB85AB



C69FC6



E3BAE2



FFD6FF



FFF3FF



452546



452546

■ 451E46

■ 452C46

■ 451746

■ 453346

■ 441046

■ 463A46

■ 440946

■ 464146

■ 440246

■ 464846

■ 440046

■ 464F46

■ 465646

■ 475D46

■ 476446

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



2D2D53



452546



512034

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



452546



3D2F08



003A40

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



452546



264625

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



003A2D



452546



2B340C

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



452546



4B2812



12381B



00384F

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



452546



532028



12381B



003A3A



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



452546



5B4F5C



252646



2E262E



ADADAD



2E2E2E



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



452546



5A275C



462537



242024



600063



DC00E3



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



462526



5C2729



254634



242020



630003



E30007



# Previews

## White Background



This preview shows how the Hex color 452546 looks on a white background.

## Color Contrast Check

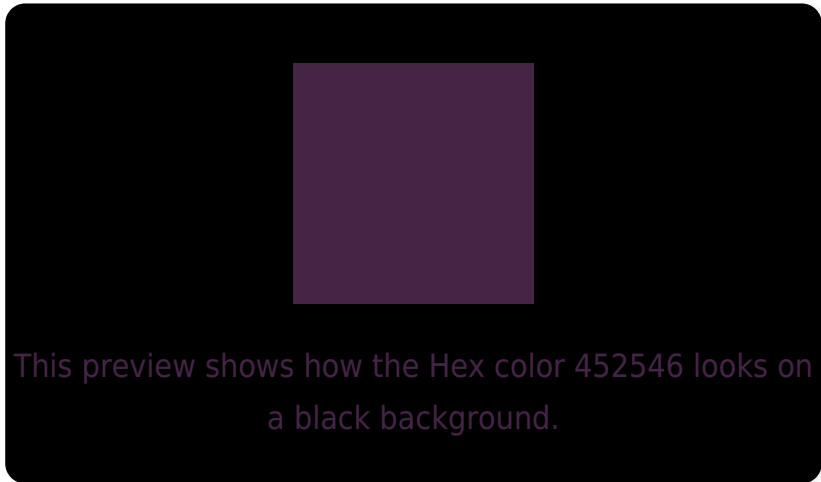
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

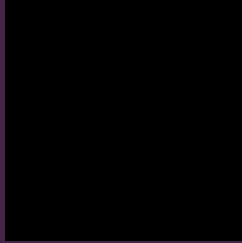
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 452546 Background



This preview shows how black text looks on a background with the Hex color 452546.



This preview shows how white text looks on a background with the Hex color 452546.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
452546

**Protanopia**  
25304F

**Deuteranopia**  
2B3144



**Tritanopia**  
422B2E

# Trichromacy



**Original Color**  
452546

**Protanomaly**  
312C4C

**Deuteranomaly**  
342D45

**Tritanomaly**  
432937

# Monochromacy



**Original Color**  
452546

**Achromatopsia**  
323232

**Achromatomaly**  
392D39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 452546 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #452546 looks like.

```
.text, #text, p{  
    color:#452546  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #452546 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452546
}
```

## Border

The CSS property to change the border of an element to Hex 452546 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#452546 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#452546 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #452546 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452546; -webkit-box-shadow:4px 4px  
4px 4px #452546; box-shadow:4px 4px 4px  
4px #452546 }
```

# Background

The CSS property to change the background color of an element to Hex 452546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452546 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#452546 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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